

# Chesterton Connect™ Nano (2 Pack)

## Increase Reliability with Multi-Function Monitoring

The Chesterton Connect Nano provides real-time monitoring of various parameters crucial to maintaining optimal operating conditions. Utilizing the Chesterton Connect™ Gateway, the Nano displays the measured parameters in the Chesterton Connect™ Cloud, facilitating historical data trends and 24/7 notifications when user-defined thresholds are exceeded. Combined with the Chesterton Connect Cloud, the Nano helps provide insights to improve maintenance, drive corrective actions, and optimize equipment performance.

### Applications

- Pump skid, floor, or equipment vibration monitoring.
- Monitoring surface and room temperature.
- Liquid detection due to leaks or flooding.
- Tracking on/off status of equipment.
- Measuring equipment runtime and cycle count.

#### SPECIFICATIONS

##### Operating Parameters

Vibration	Total RMS velocity of XYZ and peak acceleration (16 g max)
Temperature Limit	-20°C – 85°C (-4°F – 185°F)
Power	2-year non-replaceable battery (CR2477X)
Mounting	Magnetic or bracket mount
Moisture Detection	Liquid contact
Certifications	IP66, FCC, IC, CE, RoHS
Temperature Output Accuracy	±3°C (±5°F)
Wireless	Bluetooth® 4.2

##### Software

Secured encrypted data transfer

Easy registration through the Chesterton Connect™ App

Measurement transfer rate: 5-minute intervals using Chesterton Connect™ Gateway

Seamless integration with the Chesterton Connect™ Cloud

For additional information, please contact Chesterton engineering at [connect.support@chesterton.com](mailto:connect.support@chesterton.com).



Chesterton  
Connect™

### Advantages

- **Early detection of issues:** Helps identify potential issues before they lead to equipment failure.
- **Improves maintenance operations:** Provides critical insights to optimize maintenance schedules and actions.
- **Easy installation and configuration:** Simplifies setup with multiple mounting options.
- **Secure data access:** Ensures that your data is encrypted and accessible through secure platforms.
- **Versatile Monitoring:** Offers multiple monitoring functions in one compact device. Requires Chesterton Connect Gateway.



### Contents:

- 2 Chesterton Connect Nano smart sensors
- 2 Mounting brackets with bolts

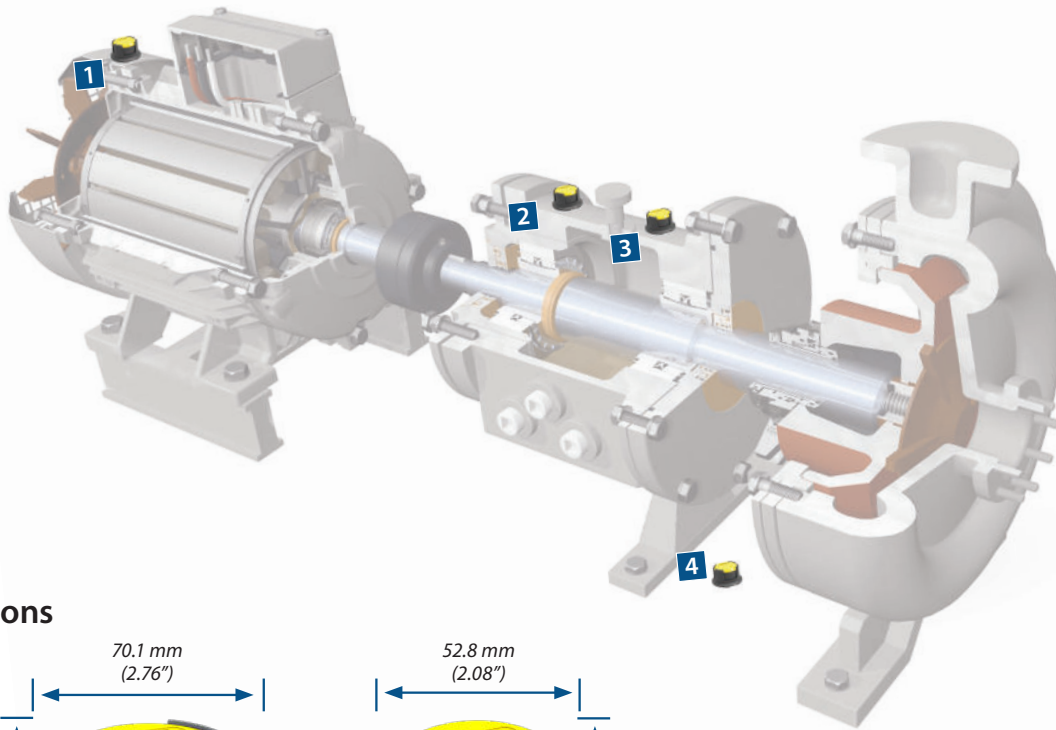
## Recommended Installation Locations

### Surface vibration, temperature, on/off status

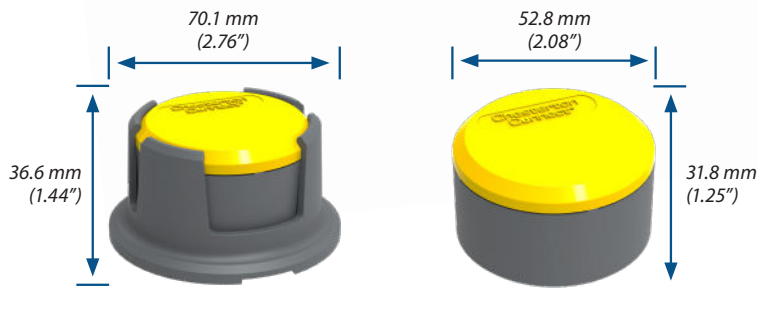
- 1 Motor housing
- 2 Inboard bearing
- 3 Outboard bearing

### Moisture detection, ambient temperature and vibration

- 4 Pump base



## Dimensions



**Product Order Number: 435719**

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